

IN THE ABSTRACT

Please amend the following paragraphs as shown in marked up form as follows:

A LC controllable oscillator (LCCO) according to the invention comprises a voltage-controlled oscillator (VCO) and a first voltage controlled current source (VCCS) of a first type for supplying a current to the VCO. The VCO is realized with a first pair of VCCCS of the first type coupled with a second pair of VCCS of a second type and a LC resonator. The VCO generates a periodical oscillation frequency that is controllable by a control signal (V). The LCCO further comprises a replica scaled bias module (RSBM) supplied from the external voltage source. The RSBM is conceived to generate a control signal (BIAS CONTROL) for controlling the supplied current delivered by the first VCCS to the VCO.

Fig. 2